MATERNAL AND CHILD CARE

VITAL STATISTICS

10TH UPDATE

1984 MANITOBA VITAL STATISTICS

MANITOBA HEALTH
MATERNAL AND CHILD HEALTH DIRECTORATE

RELEASED: MAY, 1986

Manitoba

Health

Maternal and Child Health

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MAY, 1986

TO RECIPIENTS OF MATERNAL AND CHILD CARE 10TH UPDATE
1984 MANITOBA VITAL STATISTICS

This tenth update of the Maternal and Child Care Report employs 1984 Vital Statistics for Manitoba Regions and Winnipeg Districts and June 1, 1984 Manitoba Health Services Commission figures for regional populations.

This year additional tables appear for:

1. MANITOBA POPULATION BY HEALTH AND COMMUNITY SERVICES REGION.

2. FEMALES BETWEEN 15-49 YEARS BY HEALTH AND COMMUNITY SERVICES REGION.

Requests for copies or information of past or current reports should be forwarded to the Maternal and Child Health Directorate.

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GLOSSARY OF TERMS AND DEFINITIONS

A. Symbols

N/A	Not Available	-	Zero Activity
r	Revised	*	Refer to Footnote(s)

B. Definitions

1. **Age** - Completed age in years, months, days, etc.

2. **Population**

   a) Manitoba - based on Manitoba Health Services Commission (M.H.S.C.) population reports. Regional populations are by region of residence.

   b) Canada - Based on Statistics Canada population data.

3. **Births**

   a) Live Births - Infants born alive excluding stillbirths.

   b) Stillbirths - Fetal deaths of 20 (or 28) or more weeks gestation.

   c) Total Births - Live births plus stillbirths.

4. **Birth Rates**

   a) Live Births - Infants born alive, excluding stillbirths, per 1,000 population.

   b) Stillbirths - Fetal deaths of 20 (or 28) or more weeks gestation per 1,000 live births.

5. **Deaths**

   a) Infant - Infant deaths under 1 year of age, excluding stillbirths.

   b) Maternal - Deaths due to delivery and complications of pregnancy, childbirth and the puerperium.

   c) Neonatal - Infant deaths under 28 days of age, excluding stillbirths.

   d) Newborn - Infant deaths from birth to less than 7 days of age.

   e) Perinatal - Fetal deaths of 20 (or 28) or more weeks gestation plus infant deaths under 7 days of age.

f) Post-Neonatal - Infant deaths from 28 days to under 1 year of age.

6. **Death Rates**

a) Infant - Infant deaths under 1 year of age, excluding stillbirths, per 1,000 live births.

b) Maternal - Deaths due to delivery and complications of pregnancy, childbirth and the puerperium per 10,000 live births.

c) Neonatal - Infant deaths under 28 days of age, excluding stillbirths, per 1,000 live births.

d) Newborn - Infant deaths from birth to less than 7 days of age per 1,000 live births.

e) Perinatal - Fetal deaths of 20 (or 28) or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births.

f) Post-Neonatal - Infant deaths from 28 days to under 1 year of age per 1,000 live births.

7. **General Fertility Rate** - Live births per 1,000 females between ages 15-49.

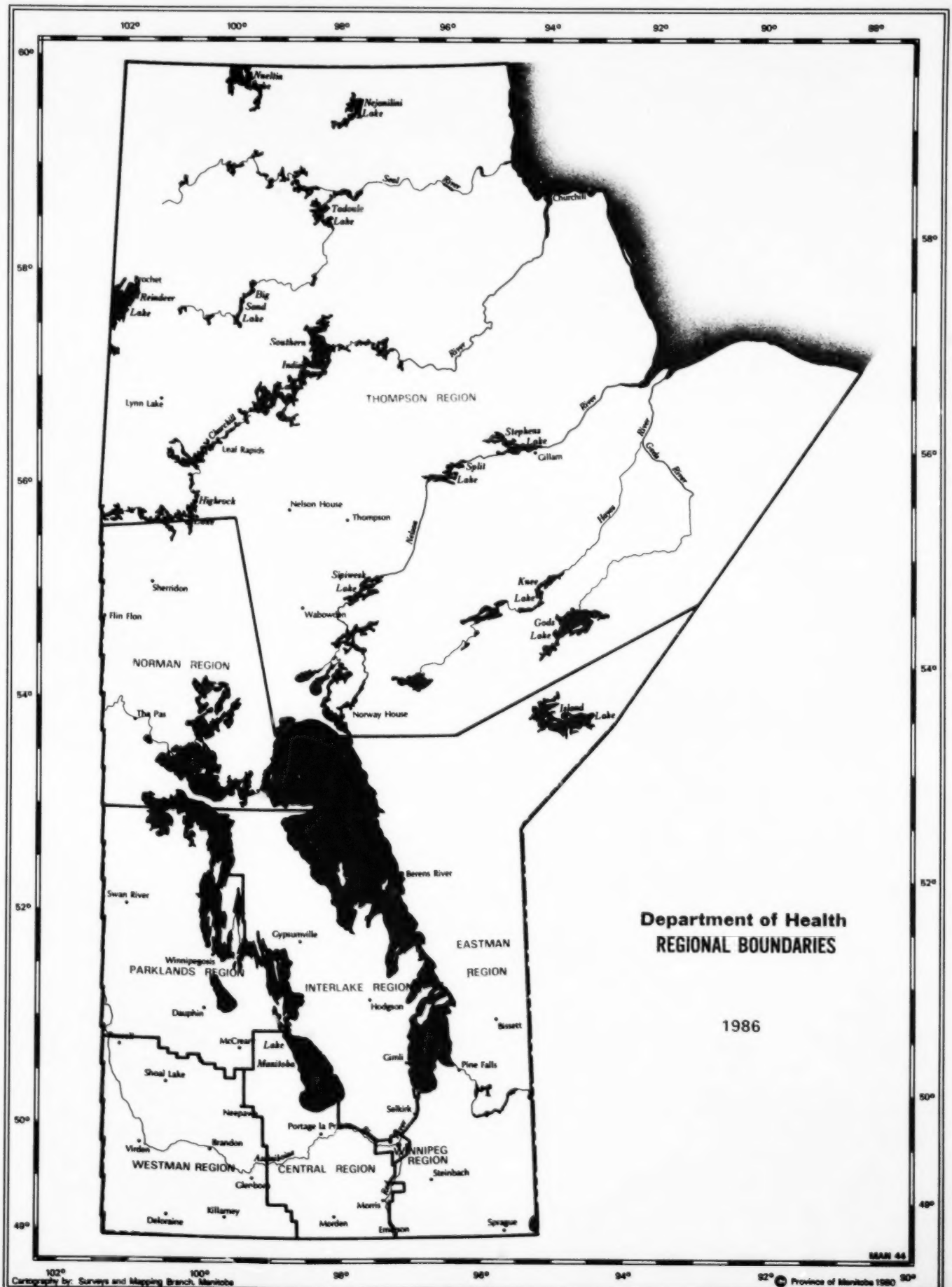
8. **Parity** - The number of total births (current birth plus previous births) that a particular mother has had. This includes live births and stillbirths.

9. **Region of Residence** - Usual residence of mother as recorded on the registration of live birth.

10. **Indian Reserve*** - A tract of land the legal title to which is vested in the Crown, that has been set apart by the Crown for the use and benefit of an Indian band.

11. **Unorganized Territory*** - Any territory in Manitoba which is not under the jurisdiction of any legal government that has taxing authority.

* Vital events for these categories are not necessarily complete. The usual residence of the mother may not be accurately documented, e.g. a Winnipeg address may be used by a Status Indian from a reserve at the time of birth notification, if she was 'boarding' with relatives/friends in the city prior to delivery.


Department of Health
REGIONAL BOUNDARIES
1986
THOMPSON REGION
NORMAN REGION
PARKLANDS REGION
INTERLAKE REGION
EASTMAN REGION
WESTMAN REGION
CENTRAL REGION
WINNIPEG REGION
Cartography by: Surveys and Mapping Branch, Manitoba
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MAN 44

I-1A

MANITOBA POPULATION

BY HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980(3)	1981(2)	1982(2)	1983(1)	1984(1)
REGION					
CENTRAL	N/A	89,556	89,983	89,409	90,045
EASTMAN	N/A	68,309	69,118	69,665	70,911
INTERLAKE	N/A	61,645	61,213	61,462	62,154
NORMAN	N/A	22,304	21,941	21,543	21,183
PARKLANDS	N/A	45,357	45,128	45,001	44,704
THOMPSON	N/A	22,644	21,258	20,615	20,635
WESTMAN	N/A	117,763	117,993	118,105	118,760
WINNIPEG	N/A	594,146	601,064	603,536	610,391
INDIAN RES	N/A	45,569	47,039	47,613	48,636
UNORGANIZED TERRITORIES	N/A	11,210	11,372	11,340	11,344
TOTAL	N/A	1,078,513	1,086,109	1,088,289	1,098,763

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.
(3) M.H.S.C. Registration file was audited and no figures were published that year.

I-1B

MANITOBA POPULATION

BY HEALTH & COMMUNITY SERVICES REGION 1981-1984

(INDIAN RES. & UNORGANIZED TERRITORY POPULATION ALLOCATED TO REGION)

YEAR	1981(2)	1981(3)	1982(2)	1983(1)	1984(1)
REGION					
CENTRAL	93,191	89,900	93,807	93,292	94,021
EASTMAN	82,033	76,620	83,379	84,078	85,438
INTERLAKE	69,374	63,830	69,166	69,490	70,299
NORMAN	26,352	24,715	26,248	25,947	25,819
PARKLANDS	51,341	48,895	51,237	51,096	50,846
THOMPSON	41,240	33,605	40,070	39,646	40,018
WESTMAN	120,836	117,865	121,138	121,204	121,931
WINNIPEG	594,146	570,815	601,064	603,536	610,391
TOTAL	1,078,513	1,026,245	1,086,109	1,088,289	1,098,763

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.
(3) 1981 Census Canada data, June 1.*

NOTE: In 1980, M.H.S.C. Registration file was audited and no figures were published that year.

* To allow the reader to compare the M.H.S.C. population records with Census Canada, the M.H.S.C. December preliminary and the June Census data are presented for 1981.

I-2

WINNIPEG POPULATION

BY SUB-REGIONAL RESIDENCE AREAS 1980-1984

YEAR	1980(3)	1981(2)	1982(2)	1983(1)	1984(1)
WPG. REGION					
FT. GARRY	N/A	42,109	42,863	43,271	43,969
EAST & NORTH KILDONAN	N/A	65,721	66,679	67,283	68,273
OLD & WEST KILDONAN	N/A	40,728	41,555	42,177	43,170
ST. BONIFACE	N/A	44,828	44,721	44,044	44,018
ST. JAMES-ASSINIBOIA	N/A	81,166	81,915	81,861	82, 829
EAST ST. PAUL	N/A	3,184	3,244	3,262	3,309
WEST ST. PAUL	N/A	2,389	2,394	2,514	2,455
ST. VITAL	N/A	45,750	46,631	47,945	49,245
TRANSCONA	N/A	27,856	27,990	28,222	28,651
INNER CITY***	N/A	240,415	243,072	242,957	244,472
TOTAL	N/A	594,146	601,064	603,536	610,391

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.
(3) M.H.S.C. Registration file was audited and no figures were published that year.

*** Winnipeg, Inner City, includes Charleswood and Tuxedo.

IV-1A-1

FEMALES BETWEEN 15-49

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980(3)	1981(2)	1982(2)	1983(1)	1984(1)
REGION					
CENTRAL	N/A	20,680	20,820	20,688	20,852
EASTMAN	N/A	16,545	16,841	17,008	17,303
INTERLAKE	N/A	14,702	14,633	14,692	14,885
NORMAN	N/A	5,672	5,639	5,535	5,465
PARKLANDS	N/A	9,628	9,572	9,486	9,446
THOMPSON	N/A	6,350	6,000	5,825	5,912
WESTMAN	N/A	27,134	27,293	27,284	27,563
WINNIPEG	N/A	160,332	162,468	162,959	165,383
I.R. & U.T.	N/A	13,258	13,971	14,110	14,607
TOTAL	N/A	274,301	277,237	277,587	281,416

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.
(3) M.H.S.C. Registration file was audited and no figures were published that year.

IV-1A-2

FEMALES BETWEEN 15-49

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984
(INDIAN RES. & UNORGANIZED TERRITORY POPULATION
ALLOCATED TO REGION)

YEAR	1980(3)	1981(2)	1982(2)	1983(1)	1984(1)
REGION					
CENTRAL	N/A	21,536	21,737	21,623	21,832
EASTMAN	N/A	19,705	20,208	20,401	20,778
INTERLAKE	N/A	16,579	16,619	16,709	16,982
NORMAN	N/A	6,616	6,669	6,584	6,607
PARKLANDS	N/A	11,006	11,008	10,897	10,903
THOMPSON	N/A	10,616	10,432	10,333	10,547
WESTMAN	N/A	27,911	28,096	28,081	28,384
WINNIPEG	N/A	160,332	162,468	162,959	165,383
TOTAL	N/A	274,301(4)	277,237	277,587	281,416

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.
(3) M.H.S.C. Registration file was audited and no figures were published that year.
(4) 1981 Census Canada data figure is 258,055.*

* To allow the reader to compare the December preliminary M.H.S.C. population record with the June Census Canada figure, the total population figure for 1981 is provided in footnote (4).

IV-1B-1

TOTAL BIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	1,524	1,474	1,549	1,495	1,539
EASTMAN	1,187	1,156	1,203	1,168	1,077
INTERLAKE	758	729	753	851	863
NORMAN	402	414	409	423	382
PARKLANDS	630	590	556	529	573
THOMPSON	497	544	461	462	476
WESTMAN	1,682	1,694	1,692	1,708	1,795
WINNIPEG	8,076	8,243	8,186	8,595	8,640
I.R. & U.T.	1,248	1,248	1,303	1,377	1,337
MANITOBA TOTAL	16,004	16,092	16,112	16,608	16,682
NON-RESIDENT	447	471	524	549	563
TOTAL	16,451	16,563	16,636	17,157	17,245

SOURCE: Manitoba Vital Statistics registrations.

* Total births are defined as live births plus stillbirths of 20 or more weeks gestation.

IV-1C-1

LIVE BIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	1,518	1,463	1,538	1,481	1,525
EASTMAN	1,181	1,145	1,196	1,165	1,076
INTERLAKE	755	722	749	848	859
NORMAN	399	411	406	419	379
PARKLANDS	621	586	554	526	564
THOMPSON	493	539	458	460	475
WESTMAN	1,668	1,679	1,685	1,697	1,780
WINNIPEG	8,007	8,176	8,133	8,537	8,575
I.R. & U.T.	1,236	1,231	1,294	1,366	1,331
MANITOBA TOTAL	15,878	15,952	16,013	16,499	16,564
NON-RESIDENT	435	462	513	537	552
TOTAL	16,313	16,414	16,526	17,036	17,116

SOURCE: Manitoba Vital Statistics registrations.

* Live births are infants born alive, excluding stillbirths.

IV-1D-1

GENERAL FERTILITY RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	N/A	70.7	73.9	71.6	73.1
EASTMAN	N/A	69.2	71.0	68.5	62.2
INTERLAKE	N/A	49.1	51.2	57.7	57.7
NORMAN	N/A	72.5	72.0	75.7	69.4
PARKLANDS	N/A	60.9	57.9	55.5	59.7
THOMPSON	N/A	84.9	76.3	79.0	80.3
WESTMAN	N/A	61.9	61.7	62.2	64.6
WINNIPEG	N/A	51.0	50.1	52.4	51.8
I.R. & U.T.	N/A	92.8	92.6	96.8	91.1
MANITOBA TOTAL	N/A	58.2	57.8	59.4	58.9
CANADA	57.9	56.7	56.3	56.0	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations. Manitoba Health Services population records.

* General fertility rate is defined as live births per 1,000 females between ages 15-49.

NOTE: Because of the size of Winnipeg's population, the effects of trends in other numerically smaller regions are not likely to influence the summary figure cited for the province.

INFANT DEATHS

IV-2A

INFANT DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	14	15	13	19	14
EASTMAN	8	12	10	14	8
INTERLAKE	8	4	4	5	5
NORMAN	4	3	2	6	3
PARKLANDS	7	10	5	3	3
THOMPSON	2	5	3	6	3
WESTMAN	19	27	16	17	13
WINNIPEG	87	79	72	81	65
I.R. & U.T.	26	31	15	22	25
MANITOBA TOTAL	175	186	140	173	139
NON-RESIDENT	16	13	15	16	10
TOTAL	191	199	155	189	149

SOURCE: Manitoba Vital Statistics registrations.

* Infant deaths are defined as deaths under 1 year of age, excluding stillbirths.

NOTE: Infant deaths were uniformly up for all but one region in 1983. When perinatal losses are adjusted to compensate for an increase in lethal congenital anomalies, the rise in infant deaths has primarily occurred in the post-neonatal period.

IV-2B

INFANT DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	9.2	10.3	8.5	12.8	9.2
EASTMAN	6.8	10.5	8.4	12.0	7.4
INTERLAKE	10.6	5.5	5.3	5.9	5.8
NORMAN	10.0	7.3	**	14.3	7.9
PARKLANDS	11.3	17.1	9.0	5.7	5.3
THOMPSON	**	9.3	6.6	13.0	6.3
WESTMAN	11.4	16.1	9.5	10.0	7.3
WINNIPEG	10.9	9.7	8.9	9.5	7.6
I.R. & U.T.	21.0	25.2	11.6	16.1	18.8
MANITOBA TOTAL	11.0	11.7	8.7	10.5	8.4
NON-RESIDENT	36.8	28.1	29.2	29.8	18.1
TOTAL	11.7	12.1	9.4	11.1	8.7
CANADA	10.4	9.6	9.1	8.5	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Infant death rate is defined as deaths under 1 year of age, excluding stillbirths per 1,000 live births.

** Not calculated due to low incidence.

IV-3A

NEWBORN DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	7	8	8	12	7
EASTMAN	5	6	7	9	6
INTERLAKE	6	3	-	2	4
NORMAN	3	2	1	3	2
PARKLANDS	2	7	4	2	2
THOMPSON	1	1	2	1	1
WESTMAN	9	13	6	13	9
WINNIPEG	57	45	48	49	31
I.R. & U.T.	10	12	6	12	12
MANITOBA TOTAL	100	97	82	103	74
NON-RESIDENT	10	8	7	7	7
TOTAL	110	105	89	110	81

SOURCE: Manitoba Vital Statistics registrations.

* Newborn deaths are defined as infant deaths from birth to less than 7 days of age.

IV-3B

NEWBORN DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	4.6	5.5	5.2	8.1	4.6
EASTMAN	4.2	5.2	5.9	7.7	5.6
INTERLAKE	7.9	4.2	-	**	4.7
NORMAN	7.5	**	**	7.2	**
PARKLANDS	**	11.9	7.2	**	**
THOMPSON	**	**	**	**	**
WESTMAN	5.4	7.7	3.6	7.7	5.1
WINNIPEG	7.1	5.5	5.9	5.7	3.6
I.R. & U.T.	8.1	9.7	4.6	8.8	9.0
MANITOBA TOTAL	6.3	6.1	5.1	6.2	4.5
NON-RESIDENT	23.0	17.3	13.6	13.0	12.7
TOTAL	6.7	6.4	5.4	6.5	4.7
CANADA	5.6	5.5	5.0	4.7	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Newborn death rate is defined as infant deaths from birth to less than 7 days of age per 1,000 live births.

** Not calculated due to low incidence.

IV-4A

PERINATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	13	19	19	26	21
EASTMAN	11	17	14	12	7
INTERLAKE	9	10	4	5	8
NORMAN	6	5	4	7	5
PARKLANDS	11	11	6	5	11
THOMPSON	5	6	5	3	2
WESTMAN	23	28	13	24	24
WINNIPEG	126	112	101	107	96
I.R. & U.T.	22	29	15	23	18
MANITOBA TOTAL	226	237	181	212	192
NON-RESIDENT	22	17	18	19	18
TOTAL	248	254	199	231	210

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age.

NOTE: (a) The Manitoba College of Physicians and Surgeons (MCPS) use a definition of more than 500 gm to 7 days for perinatal death. This may account for any discrepencies between the two sets of figures.

(b) An increase in lethal congenital anomalies accounts for much of the change from 1982 to 1983 (Source: MCPS 1983 Perinatal and Maternal Welfare Report).

IV-4B

PERINATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	8.5	12.9	12.3	17.4	13.6
EASTMAN	9.3	14.7	11.6	10.3	6.5
INTERLAKE	11.9	13.7	5.3	5.9	9.3
NORMAN	14.9	12.1	9.8	16.5	13.1
PARKLANDS	17.5	18.6	10.8	9.5	19.2
THOMPSON	10.1	11.0	10.8	6.5	**
WESTMAN	13.7	16.5	7.7	14.1	13.4
WINNIPEG	15.6	13.6	12.3	12.4	11.1
I.R. & U.T.	17.6	23.2	11.5	16.7	13.5
MANITOBA TOTAL	14.1	14.7	11.2	12.8	11.5
NON-RESIDENT	49.2	36.1	34.4	34.6	32.0
TOTAL	15.1	15.3	12.0	13.5	12.2

SOURCE: Manitoba, Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as the total of fetal deaths of 20 or more weeks gestation and infant deaths under 7 days of age per 1,000 total births.

Total births are live births plus stillbirths of 20 or more weeks gestation.

** Not calculated due to low incidence.

IV-4C

PERINATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	12	15	14	18	17
EASTMAN	7	14	12	12	7
INTERLAKE	9	8	2	5	7
NORMAN	5	4	2	6	4
PARKLANDS	9	10	6	5	10
THOMPSON	4	4	4	3	2
WESTMAN	22	23	12	22	21
WINNIPEG	108	86	81	93	75
I.R. & U.T.	18	26	12	21	17
MANITOBA TOTAL	194	190	145	185	160
NON-RESIDENT	19	14	16	16	14
TOTAL	213	204	161	201	174

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

NOTE: (a) The Manitoba College of Physicians and Surgeons (MCPS) use a definition of more than 1000 gm to 7 days for perinatal death. This may account for any discrepencies between the two sets of figures.

(b) An increase in lethal congenital anomalies accounts for much of the change from 1982 to 1983 (Source: MCPS 1983 Perinatal and Maternal Welfare Report).

IV-4D

PERINATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	7.9	10.2	9.0	12.0	11.0
EASTMAN	5.9	12.1	10.0	10.3	6.5
INTERLAKE	11.9	11.0	**	5.9	8.1
NORMAN	12.4	9.7	**	14.2	10.5
PARKLANDS	14.3	17.0	10.8	9.5	17.5
THOMPSON	8.0	7.4	8.7	6.5	**
WESTMAN	13.1	13.6	7.1	12.9	11.7
WINNIPEG	13.4	10.5	9.9	10.8	8.7
I.R. & U.T.	14.4	20.9	9.2	15.3	12.7
MANITOBA TOTAL	12.1	11.8	9.0	11.1	9.6
NON-RESIDENT	42.5	29.9	30.5	29.1	24.9
TOTAL	12.9	12.4	9.7	11.7	10.1
CANADA	10.9	10.7	10.1	9.5	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as the total of fetal deaths of 28 or more weeks gestation and infant deaths under 7 days of age per 1,000 total births.
Total births are live births plus stillbirths of 28 or more weeks gestation.

** Not calculated due to low incidence.

IV-4E

STILLBIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	6	11	11	14	14
EASTMAN	6	11	7	3	1
INTERLAKE	3	7	4	3	4
NORMAN	3	3	3	4	3
PARKLANDS	9	4	2	3	9
THOMPSON	4	5	3	2	1
WESTMAN	14	15	7	11	15
WINNIPEG	69	67	53	58	65
I.R. & U.T.	12	17	9	11	6
MANITOBA TOTAL	126	140	99	109	118
NON-RESIDENT	12	9	11	12	11
TOTAL	138	149	110	121	129

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 20 or more weeks gestation.

NOTE: The Manitoba College of Physicians and Surgeons use a definition of more than 500 gm for stillbirth. This may account for any discrepancies between the two sets of figures.

IV-4F

STILLBIRTH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	4.0	7.5	7.2	9.5	9.2
EASTMAN	5.1	9.6	5.9	2.3	**
INTERLAKE	4.0	9.7	5.3	3.5	4.7
NORMAN	7.5	7.3	7.4	9.5	7.9
PARKLANDS	14.5	6.8	**	5.7	16.0
THOMPSON	8.1	9.3	6.6	**	**
WESTMAN	8.4	8.9	4.2	6.5	8.4
WINNIPEG	8.6	8.2	6.5	6.8	7.6
I.R. & U.T.	9.7	13.8	7.0	8.1	4.5
MANITOBA TOTAL	7.9	8.8	6.2	6.6	7.1
NON-RESIDENT	27.6	19.5	21.4	22.3	19.9
TOTAL	8.5	9.1	6.7	7.1	7.5
CANADA	7.1	7.3	7.2	6.9	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as the rate of fetal deaths of 20 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

IV-4G

STILLBIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	5	7	6	6	10
EASTMAN	2	8	5	3	1
INTERLAKE	3	5	2	3	3
NORMAN	2	2	1	3	2
PARKLANDS	7	3	2	3	8
THOMPSON	3	3	2	2	1
WESTMAN	13	10	6	9	12
WINNIPEG	51	41	33	44	44
I.R. & U.T.	8	14	6	9	5
MANITOBA TOTAL	94	93	63	82	86
NON-RESIDENT	9	6	9	9	7
TOTAL	103	99	72	91	93

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 28 or more weeks gestation.

NOTE: The Manitoba College of Physicians and Surgeons use a definition of more than 1000 gm for stillbirths. This may account for any discrepancies between the two sets of figures.

IV-4H

STILLBIRTH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	3.3	4.8	3.9	4.1	6.6
EASTMAN	**	7.0	4.2	2.6	**
INTERLAKE	4.0	6.9	**	3.5	3.5
NORMAN	**	**	**	7.2	**
PARKLANDS	11.3	5.1	**	5.7	14.2
THOMPSON	6.1	5.6	**	**	**
WESTMAN	7.8	6.0	3.6	5.3	6.7
WINNIPEG	6.4	5.0	4.1	5.2	5.1
I.R. & U.T.	6.5	11.4	4.6	6.6	3.8
MANITOBA TOTAL	5.9	5.8	3.9	5.0	5.2
NON-RESIDENT	20.7	13.0	17.5	16.8	12.7
TOTAL	6.3	6.0	4.4	5.3	5.4
CANADA	5.3	5.3	5.1	4.9	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume III, Deaths (Cat. 84-206).

Manitoba, Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as rate of fetal deaths of 28 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

IV-5A

NEONATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	7	10	10	12	7
EASTMAN	5	7	9	11	6
INTERLAKE	6	3	1	2	4
NORMAN	3	2	1	4	2
PARKLANDS	4	9	5	3	3
THOMPSON	1	2	2	1	1
WESTMAN	10	18	9	14	9
WINNIPEG	63	53	58	56	38
I.R. & U.T.	12	16	10	12	14
MANITOBA TOTAL	111	120	105	115	84
NON-RESIDENT	14	8	11	11	8
TOTAL	125	128	116	126	92

SOURCE: Manitoba Vital Statistics registrations.

* Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

IV-5B

NEONATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	4.6	6.8	6.5	8.1	4.6
EASTMAN	4.2	6.1	7.5	9.4	5.6
INTERLAKE	7.9	4.2	**	**	4.7
NORMAN	7.5	**	**	9.5	**
PARKLANDS	6.4	15.4	9.0	5.7	5.3
THOMPSON	**	**	**	**	**
WESTMAN	6.0	10.7	5.3	8.2	5.1
WINNIPEG	7.9	6.5	7.1	6.6	4.4
I.R. & U.T.	9.7	13.0	7.7	8.8	10.5
MANITOBA TOTAL	7.0	7.5	6.6	7.0	5.1
NON-RESIDENT	32.2	17.3	21.4	20.5	14.5
TOTAL	7.7	7.8	7.1	7.4	5.4
CANADA	6.7	6.4	5.9	5.5	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Neonatal death rate is defined as rate of infant deaths of under 28 days of age, excluding stillbirths, per 1,000 live births.

** Not calculated due to low incidence.

IV-6A

POST-NEONATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	7	5	3	7	7
EASTMAN	3	5	1	3	2
INTERLAKE	2	1	3	3	1
NORMAN	1	1	1	2	1
PARKLANDS	3	1	-	-	-
THOMPSON	1	3	1	5	2
WESTMAN	9	9	7	3	4
WINNIPEG	24	26	14	25	27
I.R. & U.T.	14	15	5	10	11
MANITOBA TOTAL	64	66	35	58	55
NON-RESIDENT	2	5	4	5	2
TOTAL	66	71	39	63	57

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

IV-6B

POST-NEONATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	4.6	3.4	2.0	4.7	4.6
EASTMAN	2.5	4.4	**	2.6	**
INTERLAKE	**	**	4.0	3.5	**
NORMAN	**	**	**	**	**
PARKLANDS	4.8	**	-	-	-
THOMPSON	**	5.6	**	10.9	**
WESTMAN	5.4	5.4	4.2	1.8	2.2
WINNIPEG	3.0	3.2	1.7	2.9	3.1
I.R. & U.T.	11.3	12.2	3.9	7.3	8.3
MANITOBA TOTAL	4.0	4.1	2.2	3.5	3.3
NON-RESIDENT	**	10.8	7.8	9.3	**
TOTAL	4.0	4.3	2.4	3.7	3.3
CANADA	3.8	3.2	3.1	3.0	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1980, 1981, 1982, 1983. Volume I, Births and Deaths (Cat. 84-206).

Manitoba, Manitoba Vital Statistics registrations.

* Post-neonatal death rate is defined as the rate of infant deaths from 28 days to under 1 year of age per 1,000 live births.

** Not calculated due to low incidence.

IV-7A

MATERNAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1980-1984

YEAR	1980	1981	1982	1983	1984
REGION					
CENTRAL	-	-	-	-	-
EASTMAN	-	-	-	-	-
INTERLAKE	-	-	-	-	-
NORMAN	-	-	-	-	-
PARKLANDS	-	-	1	-	-
THOMPSON	-	-	-	-	-
WESTMAN	1	-	-	-	-
WINNIPEG	-	-	1	-	-
I.R. & U.T.	1	-	-	-	-
MANITOBA TOTAL	2	-	-	-	-
NON-RESIDENT	-	-	-	-	-
TOTAL	2	-	2	-	-

SOURCE: Manitoba Vital Statistics registrations.

* Maternal deaths are defined as deaths due to delivery and complications of pregnancy, childbirth, and the puerperium.

NOTE: Table IV-7B Maternal Death Rates has not been calculated due to low incidence of maternal deaths.

DEATHS UNDER ONE YEAR OF AGE

IV-8A

DEATHS UNDER ONE YEAR OF AGE

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

MORTALITY GROUP / REGION	STILLBIRTH*	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 12 MONTHS
						POST-NEONATAL MORTALITY
CENTRAL	14	3	2	2	-	7
EASTMAN	1	3	2	1	-	2
INTERLAKE	4	4	-	-	-	1
NORMAN	3	1	-	1	-	1
PARKLANDS	9	-	1	1	1	-
THOMPSON	1	1	-	-	-	2
WESTMAN	15	5	4	-	-	4
WINNIPEG	65	14	11	6	7	27
I.R. & U.T.	6	8	1	3	2	11

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 20 or more weeks gestation.

NOTE: The Manitoba College of Physicians and Surgeons use a definition of more than 500 gm for Stillbirth and a definition of more than 500 gm to 7 days for Perinatal death. This may account for any discrepancies between the two sets of figures.

IV-8B

DEATHS RATES* UNDER ONE YEAR OF AGE

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

MORTALITY GROUP / REGION	STILLBIRTH*	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 28 DAYS	POST-NEONATAL MORTALITY: 28 DAYS TO LESS THAN 12 MONTHS
CENTRAL	9.2	2.0	**	**	-	4.6
EASTMAN	**	2.8	**	**	-	**
INTERLAKE	4.7	4.7	-	-	-	**
NORMAN	7.9	*	-	**	-	**
PARKLANDS	16.0	-	**	**	**	-
THOMPSON	**	**	-	-	-	**
WESTMAN	8.4	2.8	2.2	-	-	2.2
WINNIPEG	7.6	1.6	1.3	0.7	0.8	3.1
I.R. & U.T.	4.5	6.0	**	2.3	**	8.3

SOURCE: Manitoba Vital Statistics registrations.

* All death rates are defined as rates per 1,000 live births. Stillbirths are defined as fetal deaths of 20 or more week gestation.
** Not calculated due to low incidence.
*** Non-residents excluded from calculation.

IV-9A

NEONATAL DEATHS[1]

BY CAUSE OF DEATH[2] AND MANITOBA HEALTH & COMMUNITY SERVICE REGION 1984

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER PERINATAL CAUSES	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	1	2	3	-	-	-	-	2	7
EASTMAN	-	1	2	1	-	-	-	-	2	6
INTERLAKE	-	-	-	2	-	-	-	-	2	4
NORMAN	-	-	1	-	-	-	-	-	1	2
PARKLANDS	-	2	-	1	-	-	-	-	-	3
THOMPSON	-	-	1	-	-	-	-	-	-	1
WESTMAN	-	-	-	3	-	-	-	4	2	9
WINNIPEG	-	5	7	14	-	-	-	3	9	38
I.R. & U.T.	-	-	3	3	-	-	-	2	6	14
MANITOBA TOTAL	-	9	16	27	-	-	-	9	23	84
OTHER	-	-	1	2	-	-	-	1	4	8
TOTAL	-	9	17	29	-	-	-	10	27	92

SOURCE: Manitoba Vital Statistics registrations.

(1) Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

(2) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Immaturity (765); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799); Other Perinatal Causes (760, 761, 762, 763.8, 766.2, 772.0, 775.0, 776.0, 778.2, 779.6, 779.9).

IV-9B

NEONATAL DEATH RATES*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	PERINATAL CAUSES	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	**	**	19.7	-	-	-	-	**	45.9
EASTMAN	-	**	**	**	-	-	-	-	**	55.8
INTERLAKE	-	-	-	**	-	-	-	-	**	46.6
NORMAN	-	-	**	-	-	-	-	-	**	**
PARKLANDS	-	**	-	**	-	-	-	-	-	53.2
THOMPSON	-	-	**	-	-	-	-	-	-	**
WESTMAN	-	-	-	16.9	-	-	-	22.5	**	50.6
WINNIPEG	-	5.8	8.2	16.3	-	-	-	3.5	10.5	44.3
I.R. & U.T.	-	-	22.5	22.5	-	-	-	**	45.1	105.2
MANITOBA TOTAL	-	5.4	9.7	16.3	-	-	-	5.4	13.9	50.7
OTHER	-	-	**	**	-	-	-	**	72.5	144.9
TOTAL	-	5.3	9.9	16.9	-	-	-	5.8	15.8	53.8

SOURCE: Manitoba Vital Statistics registrations.

* For this table neonatal deaths are defined as infant deaths under 28 days of age, per 10,000 live births.
** Not calculated due to low incidence.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Immaturity (765); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799); Other Perinatal Causes (760, 761, 762, 763.8, 766.2, 772.0, 775.0, 776.0, 778.2, 779.6, 779.9).

IV-10A

POST-NEONATAL DEATHS*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	-	-	-	3	4	7
EASTMAN	1	-	-	-	-	-	-	1	2
INTERLAKE	-	-	-	-	-	-	1	-	1
NORMAN	-	-	-	-	-	-	-	1	1
PARKLANDS	-	-	-	-	-	-	-	-	-
THOMPSON	-	-	-	1	-	-	1	-	2
WESTMAN	-	-	1	-	-	-	2	1	4
WINNIPEG	-	1	1	4	1	-	8	12	27
I.R. & U.T.	-	-	-	3	-	-	3	5	11
MANITOBA TOTAL	1	1	2	8	1	-	18	24	55
OTHER	-	-	-	-	-	-	-	2	2
TOTAL	2	2	2	8	1	-	18	26	57

SOURCE: Manitoba Vital Statistics registrations.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

IV-10B

POST-NEONATAL DEATH RATES*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH AND COMMUNITY SERVICES REGION 1984

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	-	-	-	19.7	26.2	45.9
EASTMAN	**	-	-	-	-	-	-	**	**
INTERLAKE	-	-	-	-	-	-	**	-	**
NORMAN	-	-	-	-	-	-	**	-	**
PARKLANDS	-	-	-	-	-	-	-	-	-
THOMPSON	-	-	-	**	-	-	**	3.5	**
WESTMAN	-	-	**	-	-	-	**	**	22.5
WINNIPEG	-	**	**	4.7	**	-	9.3	14.0	31.5
I.R. & U.T.	-	-	-	22.5	-	-	22.5	37.6	82.6
MANITOBA TOTAL	**	**	**	4.8	**	-	10.9	14.5	33.2
OTHER	-	-	-	-	-	-	-	**	**
TOTAL	**	**	**	4.7	**	-	10.5	15.2	33.3

SOURCE: Manitoba Vital Statistics registrations.

* For this table, post-neonatal death rate is defined as infant deaths from 28 days to under 1 year of age per 10,000 live births.

** Not calculated due to low incidence.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

V-1A

FEMALES BETWEEN 15-49 YEARS OF AGE

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980(3)	1981(2)	1982(2)	1983(1)	1984(1)
FT. GARRY	N/A	12,421	12,605	12,696	12,863
EAST & NORTH KILDONAN	N/A	18,099	18,252	18,408	18,690
OLD & WEST KILDONAN	N/A	11,011	11,245	11,381	11,667
ST. BONIFACE	N/A	11,995	11,935	11,771	11,816
ST. JAMES	N/A	22,521	22,630	22,503	22,800
EAST & WEST ST. PAUL	N/A	1,420	1,423	1,486	1,507
ST. VITAL	N/A	12,910	13,179	13,553	14,047
TRANSCONA	N/A	7,687	7,734	7,804	7,959
INNER CITY***	N/A	62,268	63,465	63,357	64,037
WINNIPEG TOTAL	N/A	160,332	162,468	162,959	165,383

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December 1 preliminary M.H.S.C. population records.
(3) M.H.S.C. Registration file was audited and no figures were published that year.

*** Winnipeg, Inner City, includes Charleswood and Tuxedo.

V-1B

GENERAL FERTILITY RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980(3)	1981(2)	1982(2)	1983(1)	1984(1)
FT. GARRY	N/A	49.5	51.4	51.5	52.4
EAST & NORTH KILDONAN	N/A	52.9	51.6	54.8	51.9
OLD & WEST KILDONAN	N/A	51.5	47.5	46.4	51.3
ST. BONIFACE	N/A	43.4	39.5	44.2	42.4
ST. JAMES	N/A	34.5	34.7	34.9	33.1
EAST & WEST ST. PAUL	N/A	35.9	45.0	47.8	27.9
ST. VITAL	N/A	56.2	57.2	58.1	57.5
TRANSCONA	N/A	37.3	37.2	40.5	44.7
INNER CITY***	N/A	59.1	57.5	60.4	60.3
WINNIPEG TOTAL	N/A	51.0	50.1	52.5	51.8

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December 1 preliminary M.H.S.C. population records.
(3) M.H.S.C. Registration file was audited and no figures were published that year.

* General fertility rate is defined as rate of live births per 1,000 females between ages 15-49.
*** Winnipeg, Inner City, includes Charleswood and Tuxedo.

V-1C

LIVE BIRTHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	610	641	606	633	631
FT. GARRY	631	615	648	654	674
EAST & NORTH KILDONAN	909	958	942	1,008	970
OLD & WEST KILDONAN	543	567	534	528	598
ST. BONIFACE	483	520	472	520	501
ST. JAMES	790	777	785	785	755
EAST & WEST ST. PAUL	54	51	64	71	42
ST. VITAL	747	725	754	788	808
TRANSCONA	323	287	288	316	356
INNER CITY	2,915	3,036	3,041	3,253	3,231
WINNIPEG TOTAL	8,007 (1)	8,177	8,134	8,556 (2)	8,566

SOURCE: Manitoba Vital Statistics registrations.

* Live Births are defined as infants born alive, excluding stillbirths.

(1) Includes 2 births not categorized by region of residence.
(2) See note at bottom of page.

V-1D

TOTAL BIRTHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	613	645	607	635	638
FT. GARRY	635	620	648	659	674
EAST & NORTH KILDONAN	920	966	946	1,011	973
OLD & WEST KILDONAN	550	572	538	530	605
ST. BONIFACE	485	523	473	523	505
ST. JAMES	796	786	793	791	765
EAST & WEST ST. PAUL	54	51	64	71	42
ST. VITAL	750	732	759	795	810
TRANSCONA	324	287	291	322	357
INNER CITY	2,947	3,062	3,068	3,277	3,262
WINNIPEG TOTAL	8,076 (1)	8,244	8,187	8,614	8,631

SOURCE: Manitoba Vital Statistics registrations.

* Total births are defined as live births plus stillbirths of 20 or more weeks gestation.

(1) Includes 2 births not categorized by region of residence.
(2) See note at bottom of page.

NOTE: Totals may differ from Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba Region and the coding of separate areas within Winnipeg.

V-2A

INFANT DEATHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	4	6	7	5	2
FT. GARRY	5	7	3	7	3
EAST & NORTH KILDONAN	4	8	8	6	4
OLD & WEST KILDONAN	5	4	5	4	4
ST. BONIFACE	6	2	5	7	4
ST. JAMES	9	5	7	9	-
EAST & WEST ST. PAUL	1	1	-	1	-
ST. VITAL	6	6	5	8	12
TRANSCONA	5	6	1	3	1
INNER CITY	42	34	31	31	35
WINNIPEG TOTAL	87	79	72	81	65

SOURCE: Manitoba Vital Statistics registrations.

* Infant deaths are defined as deaths under 1 year of age excluding still-births.

V-2B

INFANT DEATH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	6.6	9.4	11.6	7.9	**
FT. GARRY	7.9	11.4	4.6	10.7	4.5
EAST & NORTH KILDONAN	4.4	8.4	8.5	6.0	4.1
OLD & WEST KILDONAN	9.2	7.1	9.4	7.6	6.7
ST. BONIFACE	12.4	**	10.6	13.5	8.0
ST. JAMES	11.4	6.4	8.9	11.5	-
EAST & WEST ST. PAUL	**	**	-	**	-
ST. VITAL	8.0	8.3	6.6	10.2	14.9
TRANSCONA	15.5	20.9	**	9.5	**
INNER CITY	14.4	11.2	10.2	9.5	10.8
WINNIPEG TOTAL	10.9	9.7	8.9	9.5	7.6

SOURCE: Manitoba Vital Statistics registrations.

* Infant death rate is defined as rate of deaths under 1 year of age, excluding stillbirths, per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those of Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-3A

NEWBORN DEATHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	3	5	4	1	2
FT. GARRY	3	4	3	6	2
EAST & NORTH KILDONAN	3	6	7	5	4
OLD & WEST KILDONAN	3	2	3	2	3
ST. BONIFACE	3	-	3	5	2
ST. JAMES	7	4	7	6	-
EAST & WEST ST. PAUL	-	1	-	-	-
ST. VITAL	3	4	3	5	7
TRANSCONA	3	3	-	2	1
INNER CITY	29	16	18	17	10
WINNIPEG TOTAL	57	45	48	49	31

SOURCE: Manitoba Vital Statistics registrations.

* Newborn deaths are defined as infant deaths from birth to less than 7 days of age.

V-3B

NEWBORN DEATH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	4.9	7.8	6.6	**	**
FT. GARRY	4.8	6.5	4.6	9.2	**
EAST & NORTH KILDONAN	3.3	6.3	7.4	5.0	4.1
OLD & WEST KILDONAN	5.5	**	5.6	**	5.0
ST. BONIFACE	6.2	-	6.4	9.6	**
ST. JAMES	8.9	5.1	8.9	7.6	-
EAST & WEST ST. PAUL	-	**	-	-	-
ST. VITAL	4.0	5.5	4.0	6.3	8.7
TRANSCONA	9.3	10.5	-	**	**
INNER CITY	9.9	5.3	5.9	5.2	3.1
WINNIPEG TOTAL	7.1	5.5	5.9	5.7	3.6

SOURCE: Manitoba Vital Statistics registrations.

* Newborn death rate is defined as the rate of infant deaths from birth to less than 7 days of age per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those of Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4A

PERINATAL DEATHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	6	9	5	3	9
FT. GARRY	7	9	3	11	2
EAST & NORTH KILDONAN	14	14	11	8	7
OLD & WEST KILDONAN	10	7	7	4	10
ST. BONIFACE	5	3	4	8	6
ST. JAMES	13	13	15	12	10
EAST & WEST ST. PAUL	-	1	-	-	-
ST. VITAL	6	11	8	12	9
TRANSCONA	4	3	3	8	2
INNER CITY	61	42	45	41	41
WINNIPEG TOTAL	126	112	101	107	96

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age.

V-4B

PERINATAL DEATH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	9.8	14.0	8.2	4.7	14.1
FT. GARRY	11.0	14.5	4.6	16.7	**
EAST & NORTH KILDONAN	15.2	14.5	11.6	7.9	7.2
OLD & WEST KILDONAN	18.2	12.2	13.0	7.5	16.5
ST. BONIFACE	10.3	5.7	8.5	15.3	11.9
ST. JAMES	16.3	16.5	18.9	15.2	13.1
EAST & WEST ST. PAUL	**	**	-	-	-
ST. VITAL	8.0	15.0	10.5	15.1	11.1
TRANSCONA	12.3	10.5	10.3	24.8	**
INNER CITY	20.7	13.7	14.7	12.5	12.6
WINNIPEG TOTAL	15.6	13.6	12.3	12.4	11.1

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births. Total births are defined as live births plus stillbirths of 20 or more weeks gestation.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of the separate city areas within Winnipeg.

V-4C

PERINATAL DEATHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	5	5	4	2	7
FT. GARRY	7	7	3	10	2
EAST & NORTH KILDONAN	9	12	10	8	7
OLD & WEST KILDONAN	7	4	6	3	8
ST. BONIFACE	5	3	3	7	6
ST. JAMES	13	8	11	11	6
EAST & WEST ST. PAUL	-	1	-	-	-
ST. VITAL	6	8	7	9	9
TRANSCONA	4	3	3	7	2
INNER CITY	52	35	34	36	28
WINNIPEG TOTAL	108	86	81	93	75

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

V-4D

PERINATAL DEATH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	8.2	7.8	6.6	**	11.0
FT. GARRY	11.0	11.3	4.6	15.2	**
EAST & NORTH KILDONAN	9.8	12.4	10.6	7.9	7.2
OLD & WEST KILDONAN	12.7	7.0	11.2	5.7	13.2
ST. BONIFACE	10.3	5.7	6.3	13.4	11.9
ST. JAMES	16.3	10.2	13.9	13.9	7.8
EAST & WEST ST. PAUL	-	**	-	-	-
ST. VITAL	8.0	11.0	9.2	11.3	11.1
TRANSCONA	12.3	10.5	10.3	21.7	**
INNER CITY	17.6	11.5	11.1	11.0	8.6
WINNIPEG TOTAL	13.4	10.5	9.9	10.0	8.7

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births. Total births are defined as live births plus stillbirths of 28 or more weeks gestation.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4E

STILLBIRTHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	3	4	1	2	7
FT. GARRY	4	5	-	5	-
EAST & NORTH KILDONAN	11	8	4	3	3
OLD & WEST KILDONAN	7	5	4	2	7
ST. BONIFACE	2	3	1	3	4
ST. JAMES	6	9	8	6	10
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	3	7	5	7	2
TRANSCONA	1	-	3	6	1
INNER CITY	32	26	27	24	31
WINNIPEG TOTAL	69	67	53	58	65

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 20 or more weeks gestation.

V-4F

STILLBIRTH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	4.9	6.2	**	**	11.1
FT. GARRY	6.3	8.1	-	7.6	-
EAST & NORTH KILDONAN	12.1	8.4	4.2	3.0	3.1
OLD & WEST KILDONAN	12.9	8.8	7.5	**	11.7
ST. BONIFACE	**	5.8	**	5.8	8.0
ST. JAMES	7.6	11.6	10.2	7.6	13.2
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	4.0	9.7	6.6	8.9	**
TRANSCONA	**	**	10.4	19.0	**
INNER CITY	11.0	8.6	8.9	7.4	9.6
WINNIPEG TOTAL	8.6	8.2	6.5	6.8	7.6

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as fetal deaths of 20 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4G

STILLBIRTHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	2	-	-	1	5
FT. GARRY	4	3	-	4	-
EAST & NORTH KILDONAN	6	6	3	3	3
OLD & WEST KILDONAN	4	2	3	1	5
ST. BONIFACE	2	3	-	2	4
ST. JAMES	6	4	4	5	6
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	3	4	4	4	2
TRANSCONA	1	-	3	5	1
INNER CITY	23	19	16	19	18
WINNIPEG TOTAL	51	41	33	44	44

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 28 or more weeks gestation.

V-4H

STILLBIRTH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	**	-	-	**	7.9
FT. GARRY	6.3	4.9	-	6.1	-
EAST & NORTH KILDONAN	6.6	6.3	3.2	3.0	3.1
OLD & WEST KILDONAN	7.4	**	5.6	**	8.4
ST. BONIFACE	**	5.8	-	**	8.0
ST. JAMES	7.6	5.1	5.1	6.4	7.9
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	4.0	5.5	5.3	5.1	**
TRANSCONA	**	-	10.4	15.8	**
INNER CITY	7.9	6.3	5.3	5.8	5.6
WINNIPEG TOTAL	6.4	5.0	4.1	5.1	5.1

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as fetal deaths of 28 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-5A

NEONATAL DEATHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	3	5	5	2	2
FT. GARRY	4	4	3	6	2
EAST & NORTH KILDONAN	4	7	7	5	4
OLD & WEST KILDONAN	3	4	4	2	4
ST. BONIFACE	3	-	4	6	2
ST. JAMES	7	4	7	6	-
EAST & WEST ST. PAUL	-	1	-	-	-
ST. VITAL	4	4	4	5	7
TRANSCONA	4	4	-	2	1
INNER CITY	31	20	24	22	16
WINNIPEG TOTAL	63	53	58	56	38

SOURCE: Manitoba Vital Statistics registrations.

* Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

V-5B

NEONATAL DEATH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	4.9	7.8	8.3	**	**
FT. GARRY	6.3	6.5	4.6	9.2	**
EAST & NORTH KILDONAN	4.4	7.3	7.4	5.0	4.1
OLD & WEST KILDONAN	5.5	7.1	7.5	**	6.7
ST. BONIFACE	6.2	-	8.5	11.5	**
ST. JAMES	8.9	5.1	8.9	7.6	-
EAST & WEST ST. PAUL	-	**	-	-	-
ST. VITAL	5.4	5.5	5.3	6.3	8.7
TRANSCONA	12.4	13.9	-	**	**
INNER CITY	10.6	6.6	7.9	6.8	5.0
WINNIPEG TOTAL	7.9	6.5	7.1	6.5	4.4

SOURCE: Manitoba Vital Statistics registrations.

* Neonatal death rate is defined as infant deaths under 28 days of age, excluding stillbirths, per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-6A

POST-NEONATAL DEATHS*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	1	1	2	3	-
FT. GARRY	1	3	-	1	1
EAST & NORTH KILDONAN	-	1	1	1	-
OLD & WEST KILDONAN	2	-	1	2	-
ST. BONIFACE	3	2	1	1	2
ST. JAMES	2	1	-	3	-
EAST & WEST ST. PAUL	1	-	-	1	-
ST. VITAL	2	2	1	3	5
TRANSCONA	1	2	1	1	-
INNER CITY	11	14	7	9	19
WINNIPEG TOTAL	24	26	14	25	27

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

V-6B

POST-NEONATAL DEATH RATES*

WINNIPEG REGION 1980-1984

WINNIPEG REGION	1980	1981	1982	1983	1984
CHARLESWOOD-TUXEDO	**	**	**	4.7	-
FT. GARRY	**	4.9	-	**	**
EAST & NORTH KILDONAN	-	**	**	**	-
OLD & WEST KILDONAN	**	-	**	**	-
ST. BONIFACE	6.2	**	**	**	**
ST. JAMES	**	**	-	3.8	-
EAST & WEST ST. PAUL	**	-	-	**	-
ST. VITAL	**	**	**	3.8	6.2
TRANSCONA	**	**	**	**	-
INNER CITY	3.8	4.6	2.3	2.8	5.9
WINNIPEG TOTAL	3.0	3.2	1.7	2.9	3.2

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal death rate is defined as infant deaths from 28 days to under 1 year of age per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-7

POST-NEONATAL DEATHS* BY CAUSE(1) AND WINNIPEG AREA 1984

	LOWER RESPIRATORY	OTHER RESPIRATORY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	TOTAL
CHARLESWOOD-TUXEDO	-	-	-	-	-	-	-	-
FT. GARRY	-	-	-	-	-	1	-	1
EAST & NORTH KILDONAN	-	-	-	-	-	-	-	-
OLD & WEST KILDONAN	-	-	-	-	-	-	-	-
ST. BONIFACE	-	-	1	-	-	-	1	2
ST. JAMES	-	-	-	-	-	-	-	-
EAST & WEST ST. PAUL	-	-	-	-	-	-	-	-
ST. VITAL	-	1	1	-	-	-	3	5
TRANSCONA	-	-	-	-	-	-	-	-
INNER CITY	-	1	2	1	-	7	8	19
TOTAL	-	2	4	1	-	8	12	27

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

V-8A

DEATHS UNDER 1 YEAR OF AGE BY WINNIPEG AREAS AND BY SELECTED AGES 1984

	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 MONTHS TO LESS THAN 6 MONTHS	6 MONTHS TO LESS THAN 12 MONTHS
CHARLESWOOD-TUXEDO	1	1	-	-	-	-	-	-
FT. GARRY	1	1	-	-	-	1	-	-
EAST & NORTH KILDONAN	1	2	1	-	-	-	-	-
OLD & WEST KILDONAN	-	2	1	-	1	-	-	-
ST. BONIFACE	2	-	-	-	-	-	-	2
ST. JAMES	-	-	-	-	-	-	-	-
EAST & WEST ST. PAUL	-	-	-	-	-	-	-	-
ST. VITAL	4	1	2	-	-	3	1	1
TRANSCONA	-	1	-	-	-	-	-	-
INNER CITY	5	3	2	4	2	8	7	4
WINNIPEG TOTAL	14	11	6	4	3	12	8	7

SOURCE: Manitoba Vital Statistics registrations.

DEATH RATES* UNDER 1 YEAR OF AGE BY WINNIPEG AREAS AND BY SELECTED AGES 1984

	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 MONTHS TO LESS THAN 6 MONTHS	6 MONTHS TO LESS THAN 12 MONTHS
CHARLESWOOD-TUXEDO	**	**	-	-	-	-	-	-
FT. GARRY	**	**	-	-	-	**	-	-
EAST & NORTH KILDONAN	**	**	**	-	-	-	-	-
OLD & WEST KILDONAN	-	**	**	-	**	-	-	-
ST. BONIFACE	**	-	-	-	-	-	-	**
ST. JAMES	-	-	-	-	-	-	-	-
EAST & WEST ST. PAUL	-	-	-	-	-	-	-	-
ST. VITAL	5.0	**	**	-	-	3.7	**	**
TRANSCONA	-	**	-	-	-	-	-	-
INNER CITY	1.5	0.9	**	1.2	**	2.5	2.2	1.2
WINNIPEG TOTAL	1.6	1.3	0.7	0.5	0.4	1.4	0.9	0.8

SOURCE: Manitoba Vital Statistics registrations.

* All rates are defined as rate per 1,000 live births.
** Not calculated due to low incidence.

VI-1

SELECTED VITAL STATISTICS RATES(1) BY MANITOBA HEALTH & COMMUNITY SERVICE REGION OF RESIDENCE 1984

VITAL STATISTICS	POPULATION	LIVE BIRTH RATE (2)	STILLBIRTH DEATH RATE (3)	FIRST DAY DEATH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE (4)	NEONATAL DEATH RATE	POST-NEONATAL DEATH RATE	INFANT DEATH RATE
CENTRAL	90,045	16.9	9.2	2.0	4.6	13.6	4.6	4.6	9.2
EASTMAN	70,911	15.2	**	2.8	5.6	6.5	5.6	**	7.4
INTERLAKE	62,154	13.8	4.7	4.7	4.7	9.3	4.7	**	5.8
NORMAN	21,183	17.9	7.9	**	**	13.1	**	**	7.9
PARKLANDS	44,704	12.6	16.0	-	**	19.2	5.3	-	5.3
THOMPSON	20,635	23.0	**	**	**	**	**	**	6.3
WESTMAN	118,760	15.0	8.4	2.8	5.1	13.4	5.1	2.2	7.3
WINNIPEG	610,391	14.0	7.6	1.6	3.6	11.1	4.4	3.1	7.6
I.R. & U.T.	59,980	22.2	4.5	6.0	9.0	13.5	10.5	8.3	18.8
MANITOBA TOTAL	1,098,763	15.1	7.1	2.4	4.5	11.5	5.1	3.3	8.4

SOURCE: Manitoba Health Services Commission population records.
Manitoba Vital Statistics registrations.

(1) Unless otherwise indicated rates are per 1,000 live births.
(2) Live birth rate is defined as the rate of live births per 1,000 population.
(3) Stillbirths are defined as fetal deaths of 20 or more weeks gestation.
(4) Perinatal death rate is defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births.

** Not calculated due to low incidence.

VI-2A

SELECTED VITAL STATISTICS* BY INFANT WEIGHT AT BIRTH 1984

VITAL STATISTICS	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
WT. GRAMS								
1500	43	36	79	126	169	341.3	285.7	467.5
1500 - 2000	12	5	17	161	173	74.5	31.1	98.3
2000 - 2500	8	6	14	533	541	15.0	11.3	25.9
2500 - 3000	8	6	14	2,232	2,240	3.6	2.7	6.3
3000 - 3500	15	9	24	5,847	5,862	2.6	1.5	4.1
3500+	11	6	17	7,654	7,665	1.4	0.8	2.2
TOTAL	118 (1)	74 (2)	192 (3)	16,564 (4)	16,682 (5)	7.1	4.5	11.5

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents. See glossary for definitions. For stillbirths and perinatal deaths, fetal deaths of 20 or more weeks gestation are used.

(1) 21 Missing observations.
(2) 6 Missing observations.
(3) 27 Missing observations.
(4) 11 Missing observations.
(5) 32 Missing observations.

VI-2B

SELECTED VITAL STATISTICS* BY PARITY 1984

VITAL STATISTICS	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
PARITY								
1	51	28	79	6,731	6,782	7.6	4.2	11.6
2	32	23	55	5,375	5,377	6.0	4.3	10.2
3	15	13	28	2,588	2,603	5.8	5.0	10.8
4	10	3	13	995	1,005	10.0	3.0	12.9
5	2	4	6	344	346	**	11.6	17.3
6	6	-	6	153	159	39.2	-	37.7
7	1	1	2	68	69	**	**	**
8+	1	2	3	119	120	**	**	25.0
TOTAL	118	74	192	16,373 (1)	16,491	7.2	4.5	11.6

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents only. See glossary for definitions. For stillbirths and perinatal deaths, fetal deaths of 20 or more weeks gestation are used.
The counts and rates presented here differ from those in part IV as these are presented by characteristics of mothers and not infants.

** Not calculated due to low incidence.

(1) 39 Missing observations. Also, some mothers experienced multiple births with more than 1 newborn death.

SELECTED VITAL STATISTICS* BY MOTHER'S AGE 1984

VITAL STATISTICS	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
AGE								
15	-	1	1	23	23	-	**	**
15 - 16	-	2	2	262	262	-	**	**
17	7	2	9	302	309	23.2	**	29.1
18 - 19	6	4	10	1,061	1,067	5.7	3.8	9.4
20 - 24	27	20	47	4,717	4,744	5.7	4.2	9.9
25 - 29	50	23	73	5,990	6,040	8.3	3.8	12.1
30 - 34	23	11	34	3,138	3,161	7.3	3.5	10.8
35 - 39	5	11	16	822	827	6.1	13.4	19.3
40 - 44	-	-	-	92	92	-	-	-
45 - 49	-	-	-	4	4	-	-	-
TOTAL	118	74	192	16,411	16,529	7.2	4.8	11.6

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents only. See glossary for definitions. For stillbirths and perinatal deaths, fetal deaths of 20 or more weeks gestation are used.
The counts and rates presented here differ from those in Part IV as these are presented by characteristics of mothers and not infants.

** Not calculated due to low incidence.

NOTE: Some mothers had more than 1 live birth.

VI-3A

PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY BIRTH WEIGHT(1) AND

MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

WEIGHT (GMS.)	LESS THAN 1500	1500 TO LESS THAN 2000	2000 TO LESS THAN 2500	2500 TO LESS THAN 3000	3000 TO LESS THAN 3500	3500+	TOTAL LIVE BIRTHS	MEAN WEIGHT (GMS.)
CENTRAL	0.9	0.5	3.3	11.3	33.9	50.0	1,524	3480.3
EASTMAN	0.5	1.1	2.3	12.4	35.3	48.4	1,076	3455.1
INTERLAKE	1.4	0.8	1.4	14.1	32.4	49.9	859	3492.4
NORMAN	1.3	1.1	2.9	9.8	35.6	49.3	379	3472.3
PARKLANDS	-	1.4	3.9	11.7	34.9	48.0	564	3442.6
THOMPSON	-	1.1	2.7	12.7	34.6	48.9	474	3486.0
WESTMAN	0.8	0.5	2.5	12.5	34.0	49.7	1,780	3461.9
WINNIPEG	0.7	1.1	3.7	14.8	36.7	43.1	8,570	3393.6
I.R. & U.T.	1.3	1.0	3.1	11.6	32.2	50.9	1,327	3462.9
MANITOBA TOTAL	0.8	1.0	3.2	13.5	35.3	46.2	16,553 (2)	3427.7

SOURCE: Manitoba Vital Statistics registrations.

(1) Data are for Manitoba residents only.
(2) 12 Missing cases.

VI-3B

PERCENTAGE DISTRIBUTION OF MOTHERS BY PARITY(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

PARITY	1	2	3	4	5	6	7	8+	TOTAL NO. MOTHERS
CENTRAL	33.2	34.1	16.6	8.8	2.8	1.5	0.9	2.1	1,497
EASTMAN	35.2	33.4	19.3	7.3	2.4	0.9	0.4	1.0	1,062
INTERLAKE	39.7	34.0	17.0	5.7	2.1	0.9	**	0.5	847
NORMAN	35.8	38.8	16.0	7.0	1.9	**	-	-	374
PARKLANDS	36.8	32.2	21.5	6.0	1.6	0.7	0.7	**	562
THOMPSON	36.7	34.6	16.7	6.3	2.3	1.9	0.6	0.8	474
WESTMAN	38.8	33.2	18.6	6.2	1.8	0.5	0.5	0.5	1,761
WINNIPEG	45.6	33.5	13.9	4.6	1.4	0.5	0.2	0.3	8,475
I.R. & U.T.	34.7	23.5	17.3	11.4	6.2	3.3	1.3	2.3	1,321
MANITOBA TOTAL	41.1	32.8	15.8	6.1	2.1	0.9	0.4	0.7	16,373 (2)

SOURCE: Manitoba Vital Statistics registrations.

(1) Data are for Manitoba residents only.
(2) 39 Missing observations.

** Not calculated due to low incidence.

VI-3C

PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY MOTHER'S AGE(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

AGE	15 OR LESS	15-16	17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	TOTAL NO. MOTHERS
CENTRAL	-	0.5	1.2	5.1	32.6	38.6	16.1	5.0	1.0	-	1,499
EASTMAN	-	0.5	0.5	4.7	29.9	39.1	19.7	4.8	0.8	-	1,066
INTERLAKE	**	1.8	2.7	6.9	25.5	38.1	18.6	5.4	0.9	-	851
NORMAN	**	1.9	2.1	7.7	33.3	35.7	15.2	3.5	**	-	375
PARKLANDS	-	2.3	2.5	8.4	32.6	35.6	15.1	2.8	0.5	**	562
THOMPSON	-	2.5	2.1	7.6	33.8	35.4	15.6	3.0	-	-	474
WESTMAN	-	1.1	1.2	6.1	29.6	38.9	18.2	4.4	0.3	-	1,766
WINNIPEG	0.1	1.1	1.2	4.9	26.1	37.9	22.3	5.8	0.5	0.0	8,496
I.R. & U.T.	1.1	7.0	7.3	18.0	36.5	19.7	7.3	2.8	0.4	-	1,322
MANITOBA TOTAL	0.1	1.6	1.8	6.5	28.7	36.5	19.1	5.0	0.6	0.0	16,411

SOURCE: Manitoba Vital Statistics registrations.

(1) Data are for Manitoba residents only.

** Not calculated due to low incidence

NOTE: The number of "teenage" mothers in I.R. and U.T. is markedly higher than any other region.

NUMBER OF LIVE BIRTHS AND PERCENTAGE DISTRIBUTION 1984

A. BIRTH WEIGHT BY REGION

WT (GMS)	less than 2000		2000 - 3499		3500+		
REGION	#	%	#	%	#	%	TOTAL #
WINNIPEG	154	1.8	4,724	55.1	3,692	43.1	8,570
OTHER REGIONS	103	1.5	3,266	49.1	3,287	49.4	6,656
I.R. & U.T.	30	2.3	622	46.7	675	50.7	1,327
MANITOBA	287	1.7	8,612	52.0	7,654	46.2	16,553(1)

(1) 15 missing - not categorized by weight.

B. PARITY* BY REGION

PARITY	1		2 - 4		5+		TOTAL
REGION	#	%	#	%	#	%	#
WINNIPEG	3,867	45.6	4,401	51.9	207	2.4	8,475
OTHER REGIONS	2,405	36.6	3,869	58.8	303	4.6	6,577
I.R. & U.T.	459	34.7	688	52.1	174	13.2	1,321
MANITOBA	6,731	41.1	8,958	54.7	684	4.2	16,373

* Parity is defined as the total number of births, current and previous, and live and still, by an individual mother. 39 Missing observations.

C. MOTHER'S AGE BY REGION

AGE	less than 20 Yrs.		20 - 34 Yrs.		35+ Yrs.		TOTAL
REGION	#	%	#	%	#	%	#
WINNIPEG	620	7.3	7,336	86.3	540	6.4	8,496
OTHER REGIONS	587	8.9	5,670	86.0	336	5.1	6,593
I.R. & U.T.	441	33.4	839	63.5	42	3.2	1,322
MANITOBA	1,648	10.0	13,845	84.4	918	5.6	16,411

SOURCE: Manitoba Vital Statistics registrations.

NOTE: Totals do not agree between parts B and C because of missing data.

VI-5A

DEATHS(1) UNDER ONE YEAR OF AGE BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

AGE	LESS THAN 1 DAY	LESS THAN 3 DAYS	LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 TO LESS THAN 6 MONTHS	6 TO LESS THAN 12 MONTHS
CENTRAL	3	2	2	-	-	2	4	1
EASTMAN	3	2	1	-	-	1	1	-
INTERLAKE	4	-	-	-	-	-	1	-
NORMAN	1	-	1	-	-	-	-	1
PARKLANDS	-	1	1	1	-	-	-	-
THOMPSON	1	-	-	-	-	-	2	-
WESTMAN	5	4	-	-	-	3	1	-
WINNIPEG	14	11	6	4	3	12	8	7
I.R. & U.T.	8	1	3	2	-	5	4	2
MANITOBA TOTAL	39	21	14	7	3	23	21	11

SOURCE: Manitoba Vital Statistics registrations.

(1) Manitoba residents only.

DEATH RATES* UNDER ONE YEAR OF AGE BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1984

AGE	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 TO LESS THAN 6 MONTHS	6 TO LESS THAN 12 MONTHS
CENTRAL	2.0	**	**	-	-	**	2.6	**
EASTMAN	2.8	**	**	-	-	**	**	-
INTERLAKE	4.7	-	-	-	-	-	**	-
NORMAN	**	-	**	-	-	-	-	**
PARKLANDS	-	**	**	**	-	-	-	-
THOMPSON	**	-	-	-	-	-	**	-
WESTMAN	2.8	2.2	-	-	-	1.7	**	-
WINNIPEG	1.6	1.3	0.7	0.5	0.3	1.4	0.9	0.8
I.R. & U.T.	6.0	**	2.3	**	-	3.8	3.0	**
MANITOBA TOTAL	2.4	1.3	0.8	0.4	0.2	1.4	1.3	0.7

SOURCE: Manitoba Vital Statistics registrations.

* All rates are defined as rate per 1,000 live births.
** Not calculated due to low incidence.